

## IN THE CLAIMS

Please amend the claims as follows:

Claims 1-19 (Canceled).

- Claim 20 (New): A disposable container for centrifuging and treating a fluid biological material, the container comprising:
- an open top end and a closed bottom end, wherein the top end comprises a removable lid including:
    - a) a first opening passed through by a first cannula that can be connected operationally to the external environment to control entry and exit of air in conjunction with transfer of a fluid biological material into or from the container;
    - b) a second opening passed through by a second cannula that can be accessed by a hollow needle to transfer a fluid biological material into or from the container through the hollow needle;
    - c) a third opening passed through by a third cannula operationally connected to an attachment configured to receive and accommodate one end of a syringe to transfer a fluid biological material into or from the container through the third cannula whose length is at least equal to the height of the container; and
    - d) wherein the top end of the first cannula includes a removable stopper for controlling the entry and exit of air in conjunction with the transfer of a fluid biological material into or from the container.

Claim 21 (New): A container according to claim 20, wherein the top end of the first cannula is shaped so as to receive and accommodate one end of a syringe or an adaptor fitted

onto the end of the syringe to transfer a fluid biological material into or from the container through the first cannula.

Claim 22 (New): A container according to claim 21, further comprising a tap arranged between the top end and the first cannula.

Claim 23 (New): A container according to claim 20, wherein the second cannula can be accessed by the hollow needle through a pierceable membrane.

Claim 24 (New): A container according to claim 23, wherein the hollow needle includes a connector configured to receive and accommodate one end of a syringe.

Claim 25 (New): A container according to claim 24, wherein the end of a syringe includes an adaptor including a pierceable membrane.

Claim 26 (New): A container according to claim 24, wherein the connector includes centrally a rigid straight duct covered with a flexible and pierceable sheath.

Claim 27 (New): A container according to claim 20, wherein the attachment includes centrally a rigid straight duct covered with a flexible and pierceable sheath.

Claim 28 (New): A container according to claim 20, wherein the length of the hollow needle is the same as or less than the height of the container.

Claim 29 (New): A container according to claim 20, wherein the length of the third cannula is at least equal to the height of the container.

Claim 30 (New): A container according to claim 20, wherein the shape of the container is substantially cylindrical.

Claim 31 (New): A container according to claim 20, wherein the shape of the bottom end of the container is substantially tapered.

Claim 32 (New): A container according to claim 31, wherein the shape of the bottom end of the container is substantially conical.

Claim 33 (New): A container according to claim 31, wherein the shape of the bottom end of the container is substantially frustoconical.

Claim 34 (New): A container according to claim 31, wherein the shape of the bottom end of the container is substantially hemispherical.

Claim 35 (New): A container according to claim 31, wherein the container further comprises a substantially circular base formed by an extension of the circular wall of the container that extends around the bottom end of the the container.

Claim 36 (New): A container according to claim 20, wherein the lid is configured to be screwed onto the top end of the container.

Claim 37 (New): A container according to claim 20, wherein the container is graduated.